

Title (en)
APPARATUS AND METHOD FOR DYNAMIC COMMUNICATION RESOURCE ALLOCATION FOR DEVICE-TO-DEVICE COMMUNICATIONS IN A WIRELESS COMMUNICATION SYSTEM

Title (de)
VORRICHTUNG UND VERFAHREN FÜR DYNAMISCHE KOMMUNIKATIONSRESSOURCENZUWEISUNG FÜR GERÄT-ZU-GERÄT-KOMMUNIKATIONEN IN EINEM DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)
APPAREIL ET PROCÉDÉ DESTINÉS À UNE ALLOCATION DYNAMIQUE DE RESSOURCES DE COMMUNICATION POUR DES COMMUNICATIONS DE DISPOSITIF À DISPOSITIF DANS UN SYSTÈME DE COMMUNICATION SANS FIL

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Application
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Priority
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Abstract (en)
[origin: WO2010049801A1] An apparatus, system and method to dynamically manage an allocation of communication resources for direct device-to-device communications between a plurality of wireless communication devices in a wireless communication system. In one embodiment, the apparatus (410) includes a communication resource allocator (420) configured to: (1) select a master communication device of a plurality of wireless communication devices that form a device-to-device group, (2) provide an allocation of communication resources for device-to-device group that facilitate direct device-to-device communications therebetween. The apparatus (410) also includes a message generator (430) configured to assemble messages that include the allocation of the communication resources.

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• US 2007104123 A1 20070510 - TOMICI JOHN L [US], et al
• EP 2340681 A1 20110706 - NOKIA CORP [FI]

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